

Parson

DEPARTMENT OF STATE
DIVISION OF LANGUAGE SERVICES

(TRANSLATION)

LS NO. 43861
AO
Russian

To complete the materials delivered to you earlier, we are sending you tables describing the utilization of scientific and engineering personnel, prepared by S.R. Mikulinskiy, Corresponding Member of the U.S.S.R. Academy of Sciences.

[s] Ye. Sklyarov

September 5, 1974

State Dept. declassification & release instructions on file

Table 1

Number of persons with college education

	Total	Men	Women
Persons with college education			
Persons with college education per 1,000 employed			

Table 2

Number of employees in the sector "science and scientific servicing"
(1950-1973)

	Total	Percent of women

Note: These data are also available for each Union Republic

Scientific personnel by degree and academic title

	TOTAL	Of which	
		Men	Women
Total scientific personnel (incl. college teaching staff)			
With degree of			
Doctor of sciences			
Candidate of sciences			
With academic title of (out of total scientific personnel)			
Academician, Corresponding member, Professor			
Associate professor			
Senior scientist			
Junior scientist and Assistant			

Note: Annual data for 1950-1973 can be made available. Data on the distribution of women by degrees are lacking for some years.

Scientific personnel by fields of science

	Total scientific personnel	With degree of		Without degree
		Dr. of Sci.	Cand. of Sci.	
TOTAL				
By fields of science:				
Physics and mathematics				
Chemistry				
Biology				
Geology and mineralogy				
Technology				
Agriculture				
Economics				
History				
Philosophy				
Philology				
Geography				
Law				
Pedagogics				
Medicine				
Pharmacology				
Veterinary medicine				
History of art				
Architecture				

Note: Statistical data for 1950, 1955, 1960, 1965, 1970, 1971, and 1972 can be made available.
Analogous data can be made available for 1960, 1965, 1970, and 1972 for each of the Union Republics.

Age composition of scientific personnel

	1966	1972			Of total number of sci. personnel, in USSR Sci. Acad. and Sci. Acad. of Union Republ.
		Total	In scientific institutions	In colleges	

Total number of sci. personnel

By age groups (in % of total):

Under 29
30-40
41-50
51-60
61 and above

With degree of:

Doctor of sciences (Ph.D.)

By age groups (in % of total Ph.D's.):

Under 29
30-40
41-50
51-60
61 and above

Candidate of sciences (Cand.Sci.)

By age groups (in % of total Cand.Sci.)

Under 29
30-40
41-50
51-60
61 and above

Table 7

Scientific personnel in scientific institutions and institutes of higher learning

Total scientific personnel	Of which	
	in scient. instit.	in instit. high. learn.

Note: Published data are available for individual years (1950, 1955, 1958, etc.) The Central Statistical Administration has data for the entire period 1950-1973.

Table 8

Distribution of the scientific staff of the U.S.S.R. Acad. Sci. by scientific fields

	Total sci. staff	Of which	
		with degree of	
		Ph.D.	Cand.Sci.
			without degree

Total

By scientific fields:

Physics and mathematics
 Chemistry
 Biology
 Geology and mineralogy
 Technology
 Agriculture
 Economics
 History
 Philosophy
 Philology
 Geography
 Law
 Pedagogics
 Medicine
 Pharmacology
 Veterinary medicine
 History of art
 Architecture

Note: Data for 1970 can be made available.

Table 9

Scientific personnel and their distribution by degrees in the U.S.S.R. Science Academy, the Science Academies of Union Republics, and specialized (branch) academies

	Total scient. staff (excl. persons w. sev. posts)	Of which with degree of	
		Ph.D.	Cand. Sci.

U.S.S.R. Science Academy
Uk.S.S.R. Science Academy
B.S.S.R. " "

Uzb.S.S.R.
Kaz.S.S.R.
Geor.S.S.R.
Az.S.S.R.
Lith.S.S.R.
Mold.S.S.R.
Latv.S.S.R.
Kirg.S.S.R.
Tadzh.S.S.R.
Arm.S.S.R.
Turkm.S.S.R.
Est.S.S.R.

U.S.S.R. Academy of Fine Arts
Lenin Agricultural Academy
U.S.S.R. Academy of Medical Sciences
U.S.S.R. Academy of Pedagogical Sciences
R.S.F.S.R. Academy of Municipal
Economics

Note: Complete statistical data are available for 1970, 1971, 1972, and 1973; data without distribution by degrees are available for 1959-1969.

Table 10

Distribution of scientific personnel of the U.S.S.R. Science Academy
by positions

Heads of institutes

Directors and their deputies

Section (laboratory, branch) chiefs

Senior scientists

Junior scientists

Other scientists

Note: Information for 1950, 1960, and 1970 is available.

Table 11

Number of post-graduate students

Year	Total post- grad. stu- dents	Including students					
		In sci. inst. (excl. colleges)	Of which		In inst. of high. learn.	Of which	
			Full Time	Part Time		Full Time	Part Time

Note: Statistical data for 1950-1973 can be made available.

Number of women among post-graduate students

TOTAL
Of which
In scientific institutes
In inst. of higher learning

Note: Data for 1950, 1960, 1970, and 1973 can be made available

Number of licensed engineers employed in the national economy, by specialization.

As of November 15, 1966

Total licensed engineers employed
in the national economy

By specializations acquired
in institutes of learning:

Geology and prospecting for mineral
deposits

Working of mineral deposits

Power engineering

Metallurgy

Machine and instrument building,
electronics, manufacture of
electric instruments and auto-
matic devices, radio technology
and communications

Chemical engineering

Forestry engineering, technology
of timber, pulp and paper

Foodstuffs technology

Consumer goods technology

Construction

Geodesy and cartography

Hydrology and meteorology

Mechanization and electrification
of agriculture

Transportation

Note: These data are also available for each Union Republic.

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(1950-1973)

	Total	Percent of women

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		By age groups						
Total		Under 25	25-34	35-44	45-49	50-54	55-59	60 and over
	workers and employees							

Note: Data are available for periods ending June 1, 1967 and June 1, 1973.

Scientific personnel by degree and academic title

	TOTAL	Of which	
		Men	Women
Total scientific personnel (incl. college teaching staff)			
With degree of			
Doctor of sciences			
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History				
Philosophy				
Philology				
Geography				
Law				
Pedagogics				
Medicine				
Pharmacology				
Veterinary medicine				
History of art				
Architecture				

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41-50
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By age groups (in % of
total Ph.D's.):

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41-50
51-60
61 and above

Candidate of sciences
(Cand.Sci.)

By age groups (in % of total Cand.Sci.)

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41-50
51-60
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	in scient. instit.	in instit. high. learn.

Note: Published data are available for individual years (1950, 1955, 1958, etc.) The Central Statistical Administration has data for the entire period 1950-1973.

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Biology
Geology and mineralogy
Technology
Agriculture
Economics
History
Philosophy
Philology
Geography
Law
Pedagogics
Medicine
Pharmacology
Veterinary medicine
History of art
Architecture

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 Uk.S.S.R. Science Academy
 B.S.S.R. " "
 Uzb.S.S.R.
 Kaz.S.S.R.
 Geor.S.S.R.
 Az.S.S.R.
 Lith.S.S.R.
 Mold.S.S.R.
 Latv.S.S.R.
 Kirg.S.S.R.
 Tadzh.S.S.R.
 Arm.S.S.R.
 Turkm.S.S.R.
 Est.S.S.R.
 U.S.S.R. Academy of Fine Arts
 Lenin Agricultural Academy
 U.S.S.R. Academy of Medical Sciences
 U.S.S.R. Academy of Pedagogical Sciences
 R.S.F.S.R. Academy of Municipal
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Number of post-graduate students

Year	Total post-grad. students	Including students					
		In sci. inst. (excl. colleges)	Of which		In inst. of high. learn.	Of which	
			Full Time	Part Time		Full Time	Part Time

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Number of women among post-graduate students

TOTAL
Of which
In scientific institutes
In inst. of higher learning

Note: Data for 1950, 1960, 1970, and 1973 can be made available

Table 13

Number of licensed engineers employed in the national economy, by specialization.

As of November 15, 1966

Total licensed engineers employed
in the national economy

By specializations acquired
in institutes of learning:

Geology and prospecting for mineral
deposits
Working of mineral deposits

Power engineering

Metallurgy

Machine and instrument building,
electronics, manufacture of
electric instruments and auto-
matic devices, radio technology
and communications

Chemical engineering

Forestry engineering, technology
of timber, pulp and paper

Foodstuffs technology

Consumer goods technology

Construction

Geodesy and cartography

Hydrology and meteorology

Mechanization and electrification
of agriculture

Transportation

Note: These data are also available for each Union Republic.

STATINTL

STATINTL

*1. Death
What to we do
PT*

2

STATE - A.I.D. - USIA ROUTING SLIP				DATE <i>9/27/74</i>	
O:	Name or Title	Orgen. Symbol	Room No.	Bldg.	Initials Date
<i>[Redacted]</i>	<i>Ray Pardon</i>	<i>EUR</i>	<i>1808</i>	<i>4-2-29</i>	
3.					
4.					
5.					
Approval	<input checked="" type="checkbox"/> For Your Information	Note and Return			
As Requested	Initial for Clearance	Per Conversation			
Comment	Investigate	Prepare Reply			
File	Justify	See Me			
For Correction	Necessary Action	Signature			
REMARKS OR ADDITIONAL ROUTING					
<p><i>one copy please</i></p>					
FROM: (Name and Org. Symbol)			ROOM NO. & BLDG.		PHONE NO.
<i>A. Shultz SC-15</i>			<i>2830</i>		<i>745</i>

FORM 3-58 JF-29 (Formerly Forms DS-10, AID-5-50 & IA-58)
